



**CITY OF LOWELL, MASSACHUSETTS**  
**BOARD OF HEALTH**

January 9, 2019

A meeting of the Lowell Board of Health was held on Wednesday, January 9, 2019 in the Mayor's Reception Room, City Hall, 375 Merrimack St. Lowell, MA 01852.

Chairwoman Jo-Ann Keegan called the meeting to order at 6:00 PM.

1/9/2019 - Minutes

Present:

Jo-Ann Keegan, RN, MSN, Chairperson  
John Donovan, DC, Board Member  
William Galvin, MD, Board Member  
Lisa Golden, RN, MSN, Board Member  
Kathleen Cullen-Lutter, RN, CNM, Board Member  
Kerran Vigroux, HHS Director  
Cesar Pungirum, Tobacco Control Director  
Shawn Machado, Sr. Sanitary Code Director

**1. New Business**

**1.I. For Acceptance:** Minutes Of The December 5, 2018 Meeting Of The Board Of Health.

**Motion:** To accept the minutes of the December 5, 2018 meeting of the Board of Health made by John Donovan, seconded by Lisa Golden. All in favor.

**1.II. Monthly Development Services Report Submitted By Senior Sanitary Code Inspector Shawn Machado.**

Senior Sanitary Code Inspector Shawn Machado reviewed the reports with the Board.

Chairwoman Jo-Ann Keegan asked for clarification of the inspection dates for the Outback restaurant. Mr. Machado will check on those dates.

Mr. Machado updated the Board on the Lowell Public Schools inspections and feels that Banner Pest Control has been very responsive to any calls and is getting better. Discussion occurred regarding the size of the food bins provided by Aramark. Mr. Rick Underwood, Facilities Director-LPS, was present and will reach out to Aramark to discuss the size of the bins.

Acting Public Works Director Christine Clancy was present and gave the Board an update on the schools heating situations. Ms. Clancy informed the Board that updates are done daily. Additionally, the assessment by Boston Mechanical was recently completed and she is waiting to receive the report. Actual repair work will be completed by another company for redundancy purposes. The four heating units on the roof of the High School have been inspected. Nineteen applications for roof and boiler replacements at various schools are being reviewed for submittal to the Massachusetts School Building Authority for funding assistance. Ms. Clancy also informed the Board that the contract for the repair of the Lowell High School roof has been awarded and work is scheduled for the spring.

Chairwoman Keegan recognized Paul Georges, President of United Teachers of Lowell. Mr. Georges informed the Board that he has called the Massachusetts Department of Labor Standards to file a complaint about the

working conditions in the schools. MDLS will be doing inspections and looking into the boiler failures. Mr. Georges submitted a list of various complaints listed by school to the Board for inclusion on the February Board of Health agenda. Discussion on heating systems and remote alarms occurred.

**1.III. Update: Lowell Public Schools.**

Ms. Billie Jo Turner, Interim Asst. Superintendent of Finance for the Lowell Public Schools, was present to review the Contingency Relocation Plan that is in place for the schools. Board Member William Galvin inquired about the contingency plan's use of the Tsongas Arena and was informed by Mr. Underwood that there is an agreement in place with UMass/Lowell for emergency situations. Mr. Georges inquired about the emergency transportation plan if this contingency plan was ever used. The Board indicated that would be up to the School Department to determine that with the transportation company. Ms. Turner informed the Board that she will follow up on that question.

**1.IV. For Review: Tobacco Control Monthly Report Submitted By Cesar Pungirum, Program Director.**

The Board accepted and placed on file.

**1.V. Tobacco Permit Suspension Hearing - Rt.110 Mart/BP 137 Andover St**

Mr. Rajendra Patel, owner of Rt 110 Mart/BP 137 Andover St. was present for the hearing.

Mr. Cesar Pungirum, Tobacco Control Director, reviewed the violation with the Board. Mr. Pungirum informed the Board that Mr. Patel was the person who made the sale to the minor on August 21, 2018 as well as the previous sale to a minor on May 6, 2017. Mr. Pungirum added that Mr. Patel initially contested the ticket to the Court Magistrate but later withdrew it and paid the fine.

Mr. Patel addressed the Board expressing that he was sorry and that he felt a seven day suspension was too long. The Board informed Mr. Patel that it was only the sale of cigarettes that was suspended for seven days and that the next violation would be a thirty day suspension.

Mr. Pungirum recommended the suspension occur from the start of business on January 21, 2019 to the close of business January 30, 2019.

**Motion:** to suspend the Tobacco Sales permit for Rt 110 Mart/BP made by John Donovan, seconded by Lisa Golden.

**Roll Call:**

Jo-Ann Keegan - Yes

John Donovan - Yes

Lisa Golden - Yes

William Galvin - Yes

Kathleen Cullen-Lutter – Yes

Mr. Pungirum will contact Mr. Patel regarding the suspension.

**1.VI. For Review: Trinity EMS, Inc Reports.**

Jon Kelley, from Trinity EMS, Inc., was present to review the reports with the Board. Mr. Kelley informed the Board that there were 811 non-fatal overdoses in 2018 as well as 455 9-1-1 calls where the person was revived by Narcan and 107 first dose Narcan treatments were given by non-medical personnel. Additionally there were

approximately 133 doses of Narcan given by the Lowell Fire Dept, approximately 60 doses by the Police Department and 183 doses by Trinity EMS.

The Board accepted the reports and placed on file.

**1.VII. Discussion: Ambulance Contract**

Chairwoman Keegan informed the Board that the Ambulance Contract is expiring on June 30, 2019 and that the Law Department and City Manager have been emailed as to the steps that need to be done to proceed.

**2. Old Business**

**2.I. Informational: Revised 2019 Board of Health Meeting Schedule**

The 2019 meeting calendar with the revised date of the June 2019 meeting was provided to the Board. The date of the meeting was changed from June 5, 2019 to June 12, 2019.

**2.II. Update: Service Zone Plan.**

Kerran Vigroux, Health and Human Services Director, reviewed the status of the Service Zone Plan with the Board.

**3. Director's Report**

**3.I. Update: Divisional and Department Reports and Updates.**

Ms. Vigroux updated the Board on the status of the Syringe Coordinator Position and the Outreach Health Educator position for the PFS grant. Interviews for the Syringe Coordinator are being completed this week and an offer letter has been sent for the Outreach Health Educator position. Additionally, the Part-Time Clinical Recovery Specialist positions are being reviewed and a recommendation on how to proceed will be sent to the City Manager. There are also 5 vacant School Nurse positions.

**4. Motion: To Adjourn.**

**Motion:** To adjourn at 7:22 PM made by William Galvin, seconded by John Donovan. All in favor.

**THE NEXT MEETING OF THE LOWELL BOARD OF HEALTH WILL BE HELD ON FEBRUARY 6, 2019  
AT 6:00 PM IN THE MAYOR'S RECEPTION ROOM**

BOH 2-6-19 Handout



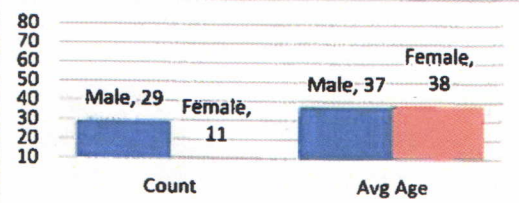
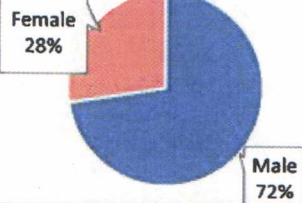
# Categorized Opiate Report:

Jan-19

Lowell, MA

## Priority of patient

Priority 1	23
Priority 2	8
Priority 3	11



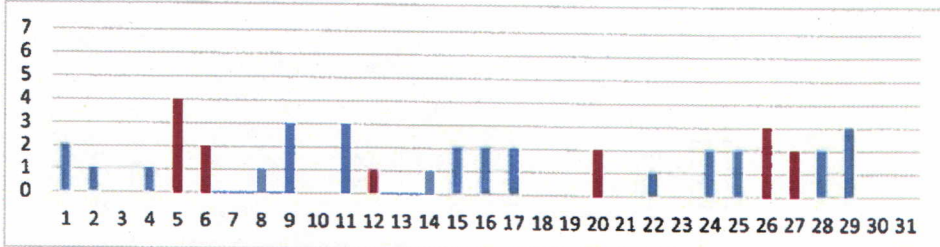
## Age

12 and U	C
13-15	C
16-17	C
18-21	1

Day of the week	#	Avg
Mon	3	0.8
Tue	9	1.8
Wed	6	1.2
Thu	4	0.8
Fri	6	1.5
Sat	8	2.0
Sun	6	1.5

## Day of the month:

Red are weekends (below)



Hour of the day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	2	0	0	0	1	0	0	1	1	1	2	5	4	3	1	3	0	3	2	0	4	4	3	2

## Location of patient

Location of patient	#
Private Residence	16
Public Location- Inside	8
Public Location- Outside	17
Residential Institution	1

## Narcan used by:

Lowell FD	9	Lowell PD	2
Trinity ALS	0	Trinity BLS	6
LGH ALS	2	Other	8
Park Ranger	0		

## Narcan doses

2mg - 6
4mg - 9
6mg - 1
8mg - 5

## Neighborhood

Acre - 8 Back Central - 4 Centralville - 5 Downtown - 14 Highlands - 4

Lwr Belv - 2 Lwr Hghlnds - 3 Sacred Heart - 2

## Home town of pt

Billerica - 4, Dorchester - 1, Dracut - 3, Haverhill - 1, Lawrence - 2, Lowell - 24, North Billerica - 1, Tewksbury - 2, Woburn - 1, Unknown - 3

## Last 12 months All ORI calls

	18-Feb	18-Mar	18-Apr	18-May	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan
Total	67	66	56	59	68	99	67	70	75	69	59	42
Avg	2.4	2.1	1.9	1.9	2.3	3.2	2.2	2.3	2.4	2.3	1.9	1.4

## Last 12 months Priority 1 only

	18-Feb	18-Mar	18-Apr	18-May	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan
Total	37	44	30	34	38	51	26	42	47	46	32	23
Avg	1.3	1.4	1.0	1.1	1.3	1.6	0.8	1.4	1.5	1.5	1.0	0.7

## ORI - daily average

## Priority 1 only- daily average

	Q1	Q2	Q3	Q4	Yr avg		Q1	Q2	Q3	Q4	Yr avg
2013	0.7	1.2	1.1	0.6	0.9	2013	0.3	0.4	0.5	0.2	0.3
2014	0.8	1.4	1.6	1.4	1.3	2014	0.3	0.6	0.8	0.9	0.7
2015	1.4	1.7	1.9	1.4	1.6	2015	0.8	0.7	0.9	0.8	0.8
2016	1.7	1.6	2.0	2.3	1.9	2016	1.0	1.0	0.9	1.3	1.0
2017	2.0	2.3	2.8	1.8	2.2	2017	1.2	1.4	1.6	1.0	1.3
2018	2.1	2.0	2.6	2.20	2.2	2018	1.2	1.1	1.3	1.4	1.3
2019	1.4					2019	0.7				

Unk 1





# Overdose Report: 19-Jan

Lowell, MA

Overdoses: 86 or 2.8 per day

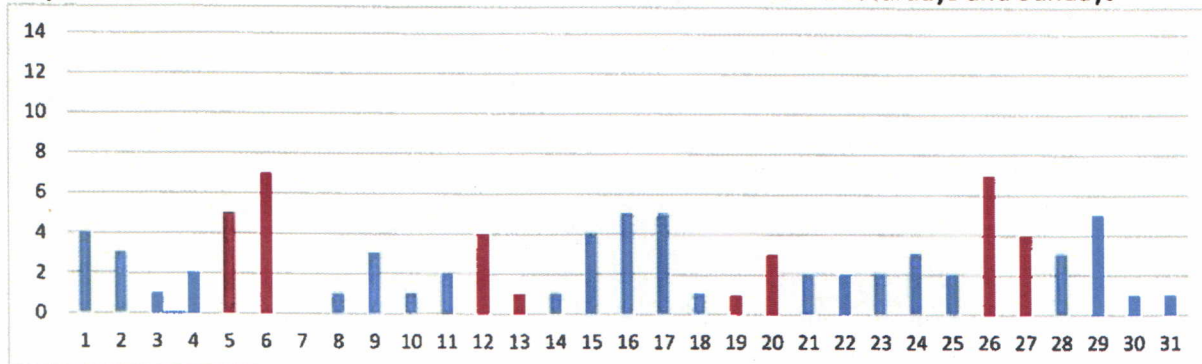
Day of the week:

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Count	6	16	14	11	7	17	15
Average	1.5	3.2	2.8	2.2	1.8	4.3	3.8

86

Day of the month:

Note: Red columns are Saturdays and Sundays



Hour of the day:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2	2	3	3	1	0	0	2	2	1	2	6	7	4	3	7	2	5	4	2	6	10	7	5

86

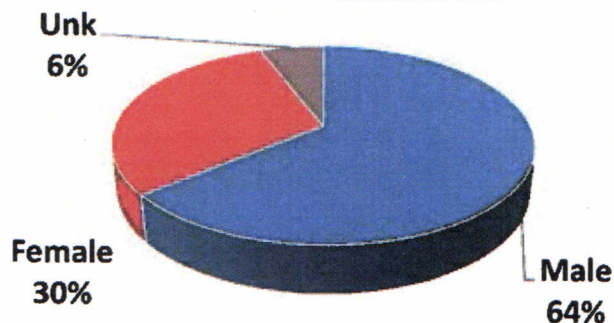
Section of the city:

Profile of patient

Neighborhood	Count
Acre	13
Back Central	10
Belvidere	0
Centralville	13
Downtown	20
Highlands	9
Lower Belvidere	4
Lower Highlands	9
Pawtucketville	3
Sacred Heart	4
South Lowell	1

86

Sex	Count	Avg Age	Range
Female	26	39	18-55
Male	55	37	2-63



Month	18-Feb	18-Mar	18-Apr	18-May	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan
Total	149	101	126	139	148	211	141	160	161	140	125	86
Per	5.3	3	4.2	4.5	4.9	6.8	4.5	5.3	5.2	4.7	4.0	2.8

Age	#
12 and U	1
13-15	1
16-17	0
18-21	2
22	1
23	1
24	1
25	4
26	4
27	3
28	4
29	4
30	2
31	4
32	3
33	3
34	0
35	0
36	1
37	2
38	3
39	2
40	0
41	2
42	0
43	3
44	4
45	0
46	1
47	2
48	4
49	3
50	2
51-55	11
56-60	3
61-65	1
66-70	0
71 and up	0
Unk	4



The following data is from Trinity EMS electronic Patient Care Reports. This data is from calls in all 13 communities Trinity provides service for. Only data from Jan 2019 opioid related calls are included

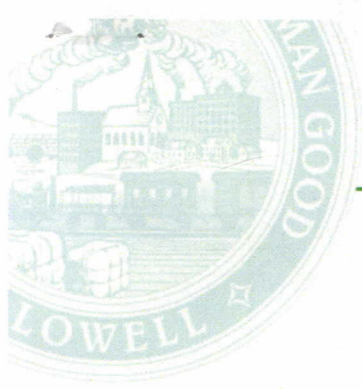
Trinity EMS Inc provides EMS services for the following communities in MA: Boxford, Chelmsford, Dunstable, Groveland, Haverhill, Lowell, and Dracut. In NH: Atkinson, Danville, Hampstead, Newton, Plaistow, and Sandown.

Only opiate overdoses that Trinity EMS inc responded to are included. If someone from one of the communities listed above overdosed in another community not listed, it will not be represented in this data set.

System wide, Trinity treated 61 patients with an opioid related issue in Jan 2019.

Row Labels	Count of Date
LOWELL	25
HAVERHILL	11
(blank)	4
BILLERICA	4
DRACUT	3
TEWKSBURY	2
LAWRENCE	2
WAKEFIELD	1
NORTH	1
BILLERICA	1
MEDFORD	1
WOBURN	1
DORCHESTER	1
CHELMSFORD	1
BRADFORD	1
BIDDEFORD	1
ANDOVER	1
KEENE	1
Grand Total	61





BOH HANDOUT  
2.6.19

City of Lowell Department of Public Works  
1365 Middlesex Street • Lowell, MA 01852  
P: 978.674.4111 • F: 978.970.4071  
[www.LowellMA.gov](http://www.LowellMA.gov)

Christine Clancy, P.E., *City Engineer*

TO: Eileen Donoghue, City Manager  
FROM: Christine Clancy, P.E., City Engineer  
DATE: February 5, 2019  
RE: School Maintenance and Repair Updates

DPW-Lands and Building Division in coordination with the School Department has reviewed the list of school maintenance requests and complaints reported at the January Board of Health meeting. Below please find an update to the repairs that were recently made or continue to be evaluated for each of the schools. The list of repairs primarily focuses on heating, roof, and rodent control requests. Both DPW-Lands and Buildings and the School Department have been working internally and externally with contractor and consultants as needed to repair the aged school infrastructure, of which much of it is a result of years of deferred maintenance. The attached list includes the original age of each of the 27 schools. The average age of HVAC systems and roofs throughout the 27 schools is approximately 25 years. The useful life expectancy for HVAC systems are approximately 15- 20 years for HVAC systems and 20-25 years for roofs. Frequent maintenance and repairs are required as a result of the aged infrastructure. Within the last five years, boilers have been replaced at five schools. The City is pursuing replacement of boilers and roofs through an accelerated MSBA program in 9 schools throughout the City. This is an opportunity for the City to receive outside reimbursement for 80% of boiler and roof replacements.

As we are currently in the heating season, both DPW and the School Department frequently monitor the HVAC systems and promptly respond to heating and/or leaking concerns. During forecasted cold weather, both DPW and the School Department provide 24/7 coverage of the heating systems throughout the City. Another critical component of the City's HVAC systems is a remote notification system that alerts the appropriate personnel when a boiler is not operational. This program, provided by Stellar, was recently upgraded with the necessary software updates so that the appropriate personnel receive a notification by cell when an alarm is triggered.

The City continues to assess the open work orders and respond to emergencies required to provide maintenance to the school facilities. There are both budgetary and resource constraints that we face as a City. With the assistance of the MSBA Accelerated Replacement Program and other facility reports such as a recently completed EMG report, which provides maintenance and repair recommendations, the City aims towards improving our aged school infrastructure.

Cc: Ralph Snow, DPW Commissioner  
Kara Keefe Mullin, Assistant City Manager  
James Green, Director of Lands and Buildings  
Jeannine Durkin, Acting Superintendent of Lowell Schools

<u>School</u>	<u>Grade</u>	<u>Age of Building</u>	<u>Maintenance and Repair Update (2/4/19)</u>
Bailey	PreK-4	1877	(1) Temporary Bypass Valve on compressor removed week of 1/7 to improve distribution of air/temperatures in classroom. (2) DPW will have contractor service second boiler. Primary boiler is functional. (3) Roof replacement proposed in 2019 MSBA Accelerated Replacement Program.
Bartlett	PreK-8	1951	(1) Mice issues have been addressed. No current pest control issues. (2) Boiler recently serviced. 2 boilers require maintenance and servicing.
Butler	5-8	1994	(1) Thermostats installed to improve distribution of air/temperatures in classrooms in early January. (2) Frozen AC coil in penthouse caused leak on 1/21. Leak repaired and ceiling tiles and walls replaced.
Cardinal O'Connell	Pre-K	1880	(1) Report of no heat on 1/7. Boiler failed morning of 1/7 and was restarted in the AM. Rooms took approximately a couple of hours to reach room temperature.
Daley	5-8	1956	(1) Boiler repaired in December. 2nd boiler requires maintenance by outside contractor. (2) Fan switches for air blowers require maintenance. Manual switch of fans by custodians required until fan switches repaired. Air compressor requires maintenance. (3) Leak from coil in teacher's room repaired week of 1/26. (4) Roof and boiler replacements proposed in 2019 MSBA Accelerated Replacement Program.
Greenhalge	PreK-4	1994	(1) Report of no heat in building on 12/10 and 12/11. Boiler failed morning of 12/10 and 12/11 and restarted in the AM. Room took approximately a couple of hours to reach room temperature. (2) Replaced fan motors in multiple classrooms in December. (3) 2 boilers serviced by outside contractor. 2nd boiler requires additional maintenance by contractor. (4) On 1/14, Frozen AC coil caused leak in 3rd floor classroom, leaking to second floor classrooms and first floor classrooms and cafeteria. The leak was repaired and ceiling tiles and walls repaired and replaced. Rugs are being professionally cleaned. City Building Commissioner and Health Inspector reviewed damaged areas before repairs made. School was canceled on 1/14 so that repairs could be made. (5) Week of 1/21, frozen water spigot caused leak. Repair made same day as leak discovered. Minimal damage from leak. (6) Roof and boiler replacements proposed in 2019 MSBA Accelerated Replacement Program.
Laura Lee	K-8	1890	No heating issues.
Leblanc	7-12	1935	(1) Boiler failed in early January. Loose wiring was repaired to resolve the boiler failure. No current heating issues.
Lincoln	PreK-4	1994	(1) DPW has been in classrooms repairing valves to improve distribution of air/temperatures. (2) DPW repaired boilers but additional boiler servicing required. Outside contractor will service boiler. (3) Roof replacement proposed on 2019 MSBA Accelerated Replacement Program.
Lowell High School	10-12	1894 (Coburn Hall), 1980, 1922	(1) HVAC system in Fieldhouse and Fieldhouse basement, Coburn Hall, Freshman Academy, and 1922 Building in FY 18 and FY 19 - \$840,000 in upgrades (2) Contractor (Boston Mechanical) provided preliminary assessment to City. Majority of rooms within 1922 building require air tubing and thermostats to be able to improve air/temperature distribution. City is evaluating next steps to bid/procure this work. (3) Contractor (Trane) made repairs to roof top units in the 1980 building on 2017/2018. These roof top units supply heat/AC to 1980 building. 4 units were not working in Fall 2018. 2 were repaired. 2 units that service the LHS library, TV studio, and a computer lab remain to be repaired. City is evaluating next steps to procure this work. (4) Kendall Boiler repaired second boiler in Steam Plant that services the 1922 building and Freshman Academy. 2nd boiler was brought online week of 1/21. Steam plant has two operational boilers. (5) Condensation Tank in Steam Plant will require replacement. It is currently operational. City is evaluating next steps to bid/procure this work. (6) Baseboards are being installed week of 2/4 in basement of LHS to provide additional heat to area. (7) DPW completed work in Chorus Room (1922 building) and Little Theatre (1980 building) to adjust heat issues. Adjustments continue to be made to the Little Theatre. AC compressors in the Little Theatre will be replaced in Spring 2019. (8) Roof replacement of 1922 building is underway. Next team meeting is 2/15 to discuss when work will start to mobilize. Submittals are underway and materials are being procured. DPW has been on roof to make leak repairs this Winter.
Lowell High McDonough Freshman Academy	9	1936	(1) Leak found and repaired in first floor hallway of Freshman Academy on 2/1. School was temporarily relocated to LHS while heat was turned off to make the repair. Damage was isolated to a small section within a hallway. Ceiling tiles have been replaced. Walls will be repaired. (2) DPW continues to provide maintenance to classrooms to tweak air/temperature. Boston Mechanical is completing assessment of Freshman Academy to evaluate air/temperature control within each of the classrooms. (3) Roof and window replacements are proposed as part of the 2019 MSBA Accelerated Replacement Program.



<u>School</u>	<u>Grade</u>	<u>Age of Building</u>	<u>Maintenance and Repair Update (2/4/19)</u>
McAuliffe	PreK-4	1993	(1) 2 classrooms with heating issues were resolved by DPW in early January. (2) 2nd boiler requires repair by outside contractor. (3) DPW repaired several holes in roof week of 1/26. (4) Roof and boiler replacements are proposed as part of the 2019 MSBA Accelerated Replacement Program.
McAvinnue	PreK-4	1994	(1) Classrooms with heating issues repaired in December and early January. No current heating issues. (2) Motor on order to repair 2nd boiler.
McHugh	5-6	1900	No current heating issues.
Moody	K-4	1888	2nd boiler is operational but currently turned off. 1st boiler is operational and working. No current heating issues.
Morey	PreK-4	1882	(1) DPW has made several visits to address heating issues in various areas throughout school. Heating control system requires evaluation. Until evaluation is made and upgrades installed, heating system requires manual tweaks to optimize air/temperature control throughout classrooms. (2) Report of glycol staining boiler room. Glycol stained concrete floor adjacent to boiler. (3) Repair being made to the 2nd boiler. 1st boiler is operational.
Murkland	PreK-4	1993	(1) Heating concerns addressed early January. (2) 2 classroom fan motors were repaired in early January.
Pawtucketville Memorial	PreK-4	1965	(1) Heating concerns from mid-December have been addressed. (2) 2nd boiler requires repair. 1st boiler is operational. (3) Broken heating coil requires repair. Leak from December 2018 was isolated to a classroom and a boiler and promptly addressed. (4) Roof replacement is proposed as part of the 2019 MSBA Accelerated Replacement Program. (5) No current mice issues.
PyneArts	PreK-8	1965	(1) 2nd boiler has a cracked section that requires repair by an outside contractor. Will consider boiler replacement in future MSBA Accelerated Replacement Program.
Reilly	K-4	1959	(1) Heating coil repaired in Vice Principal's office in early January. No current heating issues.
Robinson	5-8	1969	(1) DPW has been in classrooms providing continual maintenance to improve air/temperatures in the classroom. Continual maintenance is required. (2) 2nd boiler requires servicing by outside contractor.
Rogers	K-7	1963	(1) 2nd boiler requires servicing by outside contractor. (2) Roof repaired week of 1/21. Roof replacement is proposed as part of the 2019 MSBA Accelerated Replacement Program.
Shaughnessy	PreK-4	1957	No current heating issues.
Stoklosa	5-8	2005	(1) DPW has been in classrooms providing continual maintenance to improve air/temperatures in the classroom. Continual maintenance is required. A motor requires replacement in one classroom. (2) Motor for 2nd boiler is being repaired.
Sullivan	5-8	1992	(1) 2nd boiler requires servicing by outside contractor. (2) Thermostats installed in some classrooms. (3) Roof and boiler replacement are proposed as part of the 2019 MSBA Accelerated Replacement Program.
Wang	5-8	1992	(1) 2 classroom fan motors and thermostat replaced in early January to address heating issues.
Washington	PreK-4	1905	(1) Kendall Boiler repaired 2nd boiler. Both boilers are operational.